

Chehalis River Basin Flood Relief Projects 2013-2015 Capital Budget						
Jurisdiction	Project	Estimate Range 1	Estimate Range 2	2013-15 Cost	Description	Project Type
Grays Harbor County	A. Chehalis River Bank Erosion Risk Assessment for the Satsop Business Park industrial water line	\$ 40,000	\$ 64,000	\$ 52,000	Hydrology analysis to understand risks, costs and alternatives	Erosion response, Infrastructure preservation
	B. Elma-Porter Flood Mitigation Project: i. Wakefield Road Bridge overflow bridge.	\$ 6,000,000	\$ 6,000,000	\$ 6,000,000	Construct overflow bridge	Modeling, Culvert installation, Bridge construction
	ii. Dunlap and Porter Creek Roads: * Refine model and perform alternatives analysis.	\$ 50,000	\$ 50,000	\$ 50,000	Refine model and perform alternatives analysis	
	* Refine flood relief alternatives and do pre-design, final design and permitting for culvert installation in the Porter Creek/South Elma junction area.	\$ 150,000	\$ 150,000	\$ 150,000	Refine flood relief alternatives and do pre-design, final design and permitting for culvert installation in the Porter Creek/South Elma junction area	
	C. Satsop River Floodplain Restoration	\$ 1,009,800	\$ 1,009,800	\$ 509,800	Preliminary design, alternatives analysis, costing, final design, permitting and construction	Floodplain restoration
	D. Wishkah Road (Kersh) Flood Levee	\$ 2,514,000	\$ 2,514,000	TBD	Preliminary design, alternatives analysis, costing, final design, permitting and construction	Land acquisition, Home elevation, Levee/dike (new)
Aberdeen	E. Market Street Dike	\$ 670,000	\$ 670,000	\$ 113,000	Preliminary engineering design and costing	Dike (new)
	F. Trail/Dike Behind Burger King	\$ 140,000	\$ 140,000	\$ 140,000	Final design and construction	Dike (new)
	G. Wishkah River East Bank Dike	\$ 270,000	\$ 270,000	\$ 270,000	Final design and construction	Dike (new)

Cosmopolis	H. Mill Creek Dam Improvements	\$ 2,000,000	\$ 2,000,000	\$ 250,000	Hydraulic analysis, Alternatives analysis	Dam replacement, Dam removal
Montesano	I. Mary's River Lumber Bank Protection	\$ 2,000,000	\$ 2,000,000	\$ 2,000,000	Placeholder -- Final design, permitting and construction	Bank stabilization, Erosion control
Centralia	J. China Creek Flood Project	\$16,800,000	\$16,800,000	\$ 6,000,000	Engineering design, SEPA and permitting, and Land acquisition	Water retention
Chehalis	K. Airport Levee (Phase II)	\$ 2,600,000	\$ 2,600,000	\$ 2,600,000	Phase II -- Construction and mitigation	Levee raise/extend
	L. Dillenbaugh Creek Realignment	\$ 100,000	\$ 500,000	\$ 500,000	Hydraulic/hydrology analysis, preliminary design and costing, permitting, final engineering and construction	Flood conveyance, Habitat enhancement
Napavine	M. Kirkland Road Culvert Project	TBD	TBD	TBD	Preliminary design, alternatives analysis and costing	Culvert installation, Road raise/regrade
Pe Ell	N. Pe Ell Wastewater Treatment Plant Flood Prevention Dike	\$ 521,000	\$ 521,000	TBD	Preliminary design, alternatives analysis and costing	Dike (new)
Bucoda	O. Bucoda Levee Improvement Project (Phase II)	\$ 305,000	\$ 305,000	\$ 305,000	Phase II -- Final design and construction	Levee raise/extend
	P. Regrade Main Street	TBD	TBD	TBD	Preliminary design, alternatives analysis and costing	Road raise/regrade
Conservation Commission	Q. Chehalis River Basin Fish Habitat Projects	\$ 2,000,000	\$ 2,000,000	\$ 2,000,000	Design, permitting and construction of various projects.	Fish habitat enhancement
Total -->				\$ 37,169,800	\$ 37,593,800	\$ 20,939,800